

LMT - 01

MAGNETIC FLOAT OPERATED LEVEL TRANSMITTER

Features

- Simple, Low Cost and Reliable
- Trouble free operation of conductive / non conductive Liquids, slurries
- Continuous 4–20mA DC output
- Protection class IP–65
- 2 Wire System

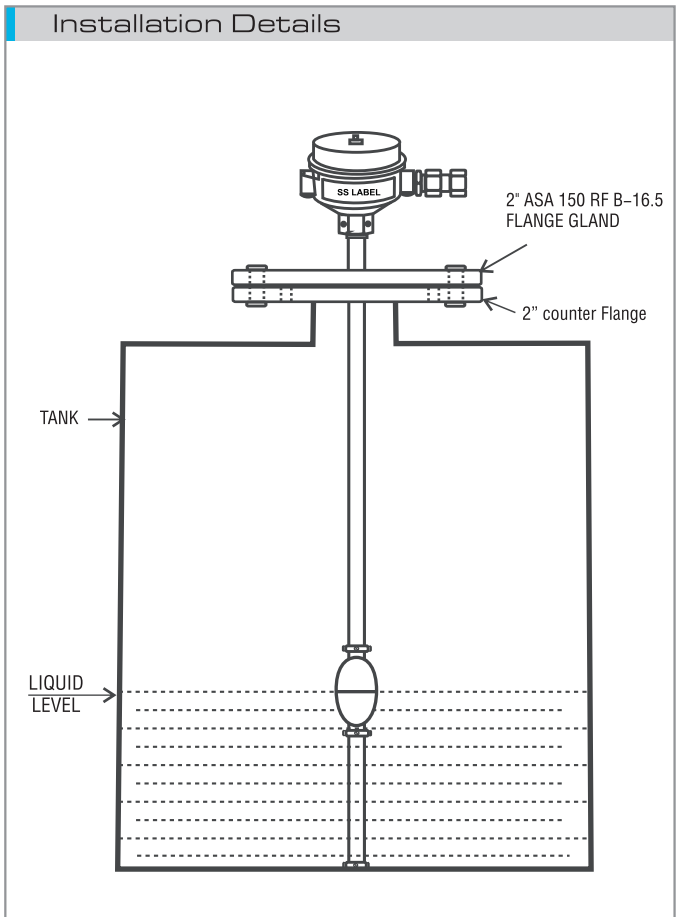
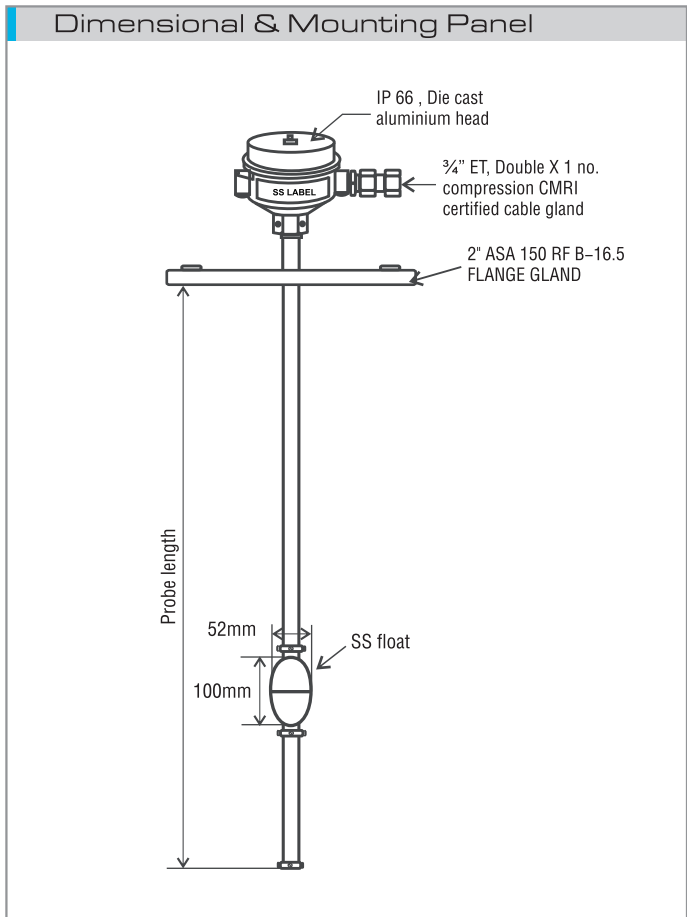
Description

Electronet series LMT–01 are magnetic float operated level transmitters. The inbuilt level sensor is consisting of a float & guide tube made of non-magnetic material to achieve undisturbed magnetic flux. The float has magnetic system within it & moves along the guide tube which contains glass encapsulated hermitically sealed reed switches. Float follows level & magnetically actuates reed switches & provides continuous 4 – 20 mA DC output.



Technical Specifications

Probe Length	As per requirement (max 2 mtr.)
Type of Output	4 to 20 mA DC, 2 Wire
Accuracy	+/- 10 mm
Linearity	+/- 0.5% for probe length 3 mtr.
Process Temperature	55°C max
Process Pressure	10 kg/cm ² max
Probe MOC	1) SS 316 2) PTFE
Float MOC	SS / PP (Depending on Process Fluid – Factory selected)
Float Dimensions	Dia 54 mm, Height 106 mm
Power Supply	230V AC, 24V DC
Power Consumption	< 6 VA
Response Time	< 1000 mSec
Temperature Coefficient	+/- 0.1% per °C
Transmitter Enclosure	IP–65
Process Connections	1) 2” BSP Threaded 2) 2” ASA 150, Flanged 3) Other on request
Mounting	Top of the tank
Operating Conditions	Temperature 0 to 75°C / Humidity 5 to 95% non condensing at 25°C
OPTIONAL	
Local Display	8 x 1 LCD (4 digit)
NOTE : Process temperature and pressure exceeding specified limits, kindly consult with factory.	



Ordering Information

Sample Order Code : 02A-07B-21A-22B-24A-26A-27B-49B-66A-85A

Parameter	Code	Value
02 Measuring Range	02A	300 mm
	02B	1000 mm
	02C	2000 mm
	02D	3000 mm
07 Area Classification	07A	Weather Proof
	07B	Flame Proof
21 Electrical Connection	21A	M20 X 1.5
	21B	1/2" NPTF
	21X	Other
22 MOC Electronics Enclosure	22A	Die Cast Aluminium
	22B	SS316
	22C	ABS Plastic

Parameter	Code	Value
24 Power Supply	24A	90 – 250 VAC
	24B	24 VDC
26 Local Indication	26A	Required
	26Y	None
27 Local Indication Display Type	27A	LED
	27B	LCD
49 Output	49A	4 to 20 mA
	49B	4 to 20 mA with HART
	49C	1 to 5V
66 Process Connection	66A	Threaded
	66B	Flanged
	66E	Tri Clover
	85 MOC Probe	85A
85X		Other

Note : ▪ Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
 ▪ Accuracy defined at Lab Conditions. ▪ For other requirement please consult factory.

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

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